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Title:
.Perfect score:
Sequence:
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Maximum DB seq
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   Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
  nucleic search, using sw model
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1: /cgn2_6/ptodata/
2: /cgn2_6/ptodata/
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 IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
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/cgn2_6/ptodata/1/ina/5B_COMB.seq:*
/cgn2_6/ptodata/1/ina/6A_COMB.seq:*
/cgn2_6/ptodata/1/ina/6B_COMB.seq:*
/cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/backfiles1.seq:*
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6909
6909
6909
1892
1892
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US-09-092-314-1
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US-08-391-615-1
US-08-391-615-1
US-08-658-340-1
US-08-658-393A-34
US-08-658-393A-34
US-08-658-393A-34
US-08-975-316-61
US-08-975-316-61
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(without alignments)
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Sequence 22, Appl	Sequence 10, Appl	Sequence 10, Appl	Sequence 22, Appl	Sequence 22, Appl	22,	Sequence 22, Appl	Sequence 258, App	Sequence 258, App	Sequence 58, Appl	Sequence 17, Appl	Sequence 7, Appli	Sequence 297, App	Sequence 1, Appli	Sequence 2, Appli	Sequence 7, Appli	Sequence 4, Appli	Sequence 20, Appl

ALIGNMENTS

RESULT 1 US-09-092-314-2 Ċ

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GENERAL INFORMATION:
APPLICANT: Raz, Eyal
APPLICANT: Roman, Mark
TITLE OF INVENTION: Inhibitors of
TITLE OF INVENTION: Sequence Activ
Patent No. 625292
FILE REFERENCE: 6510-173US1
CURRENT APPLICATION NUMBER: US/09/C
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US-09-092-314-1
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GENERAL INFORMATION:
APPLICANT: Raz, Eyal
APPLICANT: Roman, Mark
TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
TITLE OF INVENTION: Sequence Activity
Patent No. 6225292
Patent No. 6225292
FILE REFERENCE: 6510-173US1
CURRENT FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/048,794
PRIOR FILING DATE: 1997-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION NUMBER: 60/048,794
PRIOR FILING DATE: 1997-06-06
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FASTSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 22
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Best Local S
Matches 21
                                                                                                                                                                                                      Sequence 1, Application US/09092314 Patent No. 6225292
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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95.5%;
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; TYPE: DNA
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; ORGANISM: Artificial Sequence
; EEATURE;
; OTHER INFORMATION: Oligonucleotide
US-09-092-314-1
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SEQ ID NO 3
LENGTH: 22
TYPE: DNA
                                                                                                                            APPLICANT: Raz, Eyal
APPLICANT: Roman, Mark
TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
TITLE OF INVENTION: Sequence Activity
Patent No. 6225292
                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Inhibitors of DNA TITLE OF INVENTION: Sequence Activity Patent No. 6225292 FILE REFERENCE: 6510-173US1
                                                                                                                                                                                                                              Patent No.
                                                                                                                                                                                                                                                Sequence 10,
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          FILE REFERENCE: 6510-173US1
CURRENT APPLICATION NUMBER: US/09/092,314
CURRENT FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/048,794
PRIOR FILING DATE: 1997-06-06
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSEQ for Windows Version 4.0
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LENGTH: 22
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CURRENT APPLICATION NUMBER: US/09/092,314
CURRENT FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/048,794
PRIOR FILING DATE: 1997-06-06
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FASTSEQ for Windows Version 4.0
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5. 6225292
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20; Conserv
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EQ for Windows Version 4.0
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90.9%;
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FILE REFERENCE: 6510-173US1
CURRENT APPLICATION NUMBER: US/09/092,31
CURRENT FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/048,794
PRIOR FILING DATE: 1997-06-06
NUMBER OF SEQ ID NOS: 11
SOFTWARE: FastSEQ for Windows Version of SEQ ID NO 5
LENGTH: 22
TYPE: DNA
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; OTHER INFORMATION: Oligonucleotide
US-09-092-314-4
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; OTHER INFORMATION: Oligonucleotide
US-09-092-314-10
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                                                                                                                                                                                   GENERAL INFORMATION:
APPLICANT: Raz, Eyal
APPLICANT: Roman, Mark
TITLE OF INVENTION: Inhibitor
TITLE OF INVENTION: Sequence
Patent No. 6225292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Roman, Mark
TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
TITLE OF INVENTION: Sequence Activity
Patent No. 6225292
                                                                                                                                                                                                                                                                                    Sequence 5, Application US/09092314
Patent No. 6225292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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CURRENT APPLICATION NUMBER: US/09/092,314
CURRENT FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/048,794
PRIOR FILING DATE: 1997-06-06
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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86.4%;
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Pred. No. 2
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; FEATURE: ; OTHER INFORMATION: Oligonucleotide US-09-092-314-5

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Length 22

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DB 4;

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                                                                SEQ ID NO 8
LENGTH: 22
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match

Best Local Similarity 81.6

Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Raz, Eyal
APPLICANT: Roman, Mark
TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
TITLE OF INVENTION: Sequence Activity
Patent No. 6225292
EXIT DESERVE: 6510.173161
                                                                                                                                                                                                                                      APPLICANT: Roman, Mark
TITLE OF INVENTION: Inhibitors of DNA Immunostimulatory
TITLE OF INVENTION: Sequence Activity
Patent No. 6225292
                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                         Sequence 8, Application US/09092314
Patent No. 6225292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
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Best Local Similarity
Matches 18; Conserv
                                                                                                                                                 FILE REFERENCE: 6510-173US1
CURRENT APPLICATION NUMBER: US/09/092,314
CURRENT FILING DATE: 1998-06-05
PRIOR APPLICATION NUMBER: 60/048,794
PRIOR FILING DATE: 1997-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/
PRIOR FILING DATE: 1997-06-06
NUMBER OF SEQ ID NOS: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: 6510-173US1
CURRENT APPLICATION NUMBER: US/O
CURRENT FILING DATE: 1998-06-05
OTHER INFORMATION: Oligonucleotide \cdot 09 \cdot 092 \cdot 314 \cdot 8
                                                                                                                   NUMBER OF SEQ ID NOS:
SOFTWARE: FastSEQ fc
                                                                                                                                                                                                                                                                                         APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                         ORGANISM: Artificial Sequence
                              FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 tgactgtgaacgttcgagatga
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                                                                                                                                                                                                                                                                                                         Raz, Eyal
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                                                                                                                     fcr Windows Version 4.0
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81.8%;
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81.8%;
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Pred. No. 1
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Pred. No. 1
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Mismatches
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RESULT 10 US-09-019-931-2

Sequence 2, Application US/09019931 Patent No. 6194148

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; MOLECULE TYPE: US-08-391-615-7
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US-08-391-615-7
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                                                           Matches
                                                                          Query Match
Best Local :
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Best Local Similarity 81.8
Matches 18; Conservative
                                                                                                                                                                                                                                             TELEFAX: (415) 398-3249
TELEX: 910 277299 FHT UR
INFORMATION FOR SEQ ID NO: 7:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION: APPLICANT: Witte,
                                                                                                                                                                                                              SEQUENCE CHARACTERISTICS:
LENGTH: 1418 base pair
                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: A-TELECOMMUNICATION INFORMATION: TELEPHONE: (415) 781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PatentIn Release #1.0, CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08/006,449
FILING DATE: 21-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Rowland, Bertram I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
218 TGACTTTGAACGTGGGAGAAGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION:
                                                                                                                                                                   STRANDEDNESS:
TOPOLOGY: lir
                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER:
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5, 5550054
                                                          l Similarity
18; Conserv
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Saffran, Douglas
Rawlings, David
                                                           Conservative
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                                                                          70.9%;
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                                                          Score 15.6; [Pred. No. 29; 0; Mismatches
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Pred. No. 1
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er, Suite 3400
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                                                                                        Length 1418;
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RESULT 11
US-08-391-615-1
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; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; IMMEDIATE SOURCE:
; LIBRARY: pGEX-PH
US-09-019-931-2
                                                                                                                                                                                                                                                                         Sequence 1, Application US/08391615
Patent No. 5550054
                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 70.9%;
Best Local Similarity 81.8%;
Matches 18; Conservative
                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: Witte, Owen
APPLICANT: TSUKAda, Satoshi
APPLICANT: Saffran, Douglas
APPLICANT: Saffran, Douglas
APPLICANT: Rawlings, David
TITLE OF INVENTION: HEMATOPOIETIC RESTRICTED TYROSINE KINASE
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 1830
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MEDIUM TYPE: 3+ inch,
COMPUTER: IBM PC
OPERATING SYSTEM: MS I
SOFTWARE: ASCII
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APPLICANT: Hori, Kunio, Takahashi, Takeo, Okada, Takao
                                                                                                                              NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                          881 TGACTTTGAACGTGGGAGAAGA 902
                                                                                   CITY:
                                                   COUNTRY:
                                                                                                STREET:
                                                                                                                 ADDRESSEE:
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TELEFAX: (212) 319-5101
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STATE: New York
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                                   94111-4187
                                                                                   San Francisco
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10017-2023
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                                                                 California
                                                                                             E: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT 4 Embarcadero Center, Suite 3400
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Pred. No. 3
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RESULT 12
US-08-804-196-1/c
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TELEFAX: (415) 398-3249

TELEX: 910 277299 FHT UR
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 2505 base and Types.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/08804196 Patent No. 5874256
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Best Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Bertina, I APPLICANT: Relisma, I TITLE OF INVENTION: ITITLE OF INVENTION: ITITLE OF INVENTION:
                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
NAME: Gormley, Mary E. REGISTRATION NUMBER: 34,40 TELECOMMUNICATION INFORMATION
                                                   FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                            PRIOR APPLICATION DATA: APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REGISTRATION NUMBER: 20,015
REFERENCE/DOCKET NUMBER: A-57583-1/BIR UCLA 232-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 781-1989
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: 21-JAN-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAtentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/006,449
                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    262 TGACTTTGAACGTGGGAGAAGA 283
                                                                                                                                    FILING DATE
                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Akzo No. 5874256el Patent Department STREET: 1300 Piccard Drive, Suite 206 CITY: Rockville STATE: Maryland
                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local
                                                                                                                                                     APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STRANDEDNESS:
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l Similarity 81.8%;
l8; Conservative
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137..2116
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                                                                                                                                                                                                                                                                                                                                                                                                                                     A method for diagnosing an increased risk for thrombosis or a genetic defect causing thrombosis and kit for use with the same.
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                                                                                              US 08/454,353
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Pred. No. 32;
0; Mismatches
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TELEPHONE:

(301) 948-7400

BEST AVAILABLE COPY

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                                                                                                                  ; TOPOLOGY: ur
; MOLECULE TYPE:
US-08-658-340-1
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US-08-658-340-1/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Patent No. 5910576
Patent No. 5910576 5861489
GENERAL INFORMATION:
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                                                                                                                                                                                                        TELEFAX: (301) 948-975
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 0 FILING DATE: 06-JUN-1995 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                     TELECOMMUNICATION INFORMATION: TELEPHONE: (301) 948-7400
                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:
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TITLE OF INVENTION:
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                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
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OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                 NAME: Gormley, Mary E. REGISTRATION NUMBER: 34,409
                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: both
                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
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18; Conserv
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                                                                                                                                                                                            6909 base pairs
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                                            Conservative
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                                                                                                                                                  unknown
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A method for diagnosing an increased risk for thrombosis or a genetic defect c thrombosis and kit for use with the same.
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Pred. No. 3
                                                          Score 15.6;
Pred. No. 3
                                              Mismatches
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RESULT 14
US-08-746-111-26/c
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US-08-933-750C-66/c
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US-08-746-111-26
                                                                                                                                                                                                                                    Patent No.
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Best Local
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                               APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
TITLE OF INVENTION: HUMAN REGULATORY MOLECULES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: UM
TELECOMMUNICATION INFORMATION:
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NAME: Ingolia, Diane E.
REGISTRATION NUMBER: 40,027
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APPLICANT: Gui, Jisong
TITLE OF INVENTION: Compositions And Methods For Screening TITLE OF INVENTION: Compounds For Anticoagulant Activity
                                                                                                                                                                                   APPLICANT:
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CORRESPONDENCE ADDRESS:
                               CORRESPONDENCE ADDRESS:
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                                                 NUMBER OF SEQUENCES:
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CITY: San Francisco
STATE: California
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18; Conserv
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United States of America
3: Incyte Pharmaceuticals, Inc
3174 Porter Drive
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                                                                                                                                                                 Hillman, Jennifer L.
Bandman, Olga
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                                                                                                              Yue, Henry
                                                                                                                                  Au-Young, Janice
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81.8%;
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Pred. No. 3
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COUNTRY: DAA
COUNTRY: UAA
COUNTRY: UAA
COUNTRY: UAA
COMPUTER RADABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER TRYPE: DISKett
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